HDUP-1500

ADS Tech HDTV UpConverter

With CinemaView Technology

Convert Any Video Source Into HDTV Progressive Scan Video

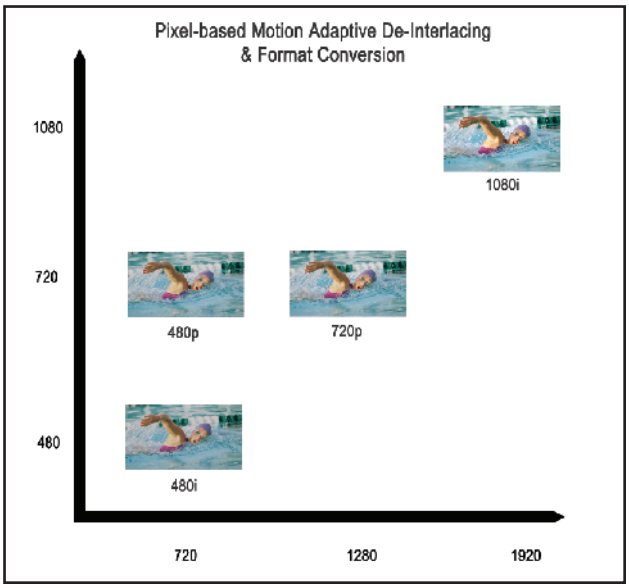
Enhance Your Home Theatre Experience

Maximize your HDTV investment by displaying all video sources in HDTV quality. The HDTV UpConverter will automatically convert your standard definition video signals into progressive scan, 1080i, HDTV quality for a perfect viewing experience. Display video from DVD Players, VCR's, Satellite TV, Cable TV, Game Machines or any video source in the highest resolution your HDTV was designed to deliver.

Cinema Quality Video From Any Source

The ADS Tech HDTV UpConverter provides superior resolution conversion and image enhancement of standard definition TV and video signals (480i or 480p) into HDTV resolutions of 480p, 720p or 1080i to provide you with Cinema quality video for an exhilarating home theatre experience.

Watch Movies in High Definition Resolutions Your HDTV Was Designed To Display!



CinemaView™ Video Scan Conversion Technology From ADS Tech

- Pixel based motion adaptive de-interlacing provides the best image quality from interlaced video sources.
- Inverse 2:2/3:2 film processing provides "cinema-like" progressive scan images from DVD movies many TV shows.
- Film mode detectors and filtering ensure smooth, artifact-free de-interlacing as the characteristics of video content changes.

Motion Adaptive De-Interlacing Produces Sharper Images Than Progressive Scan DVD Players

Interlaced

Line Doubled

CinemaView

Integrated Audio/Video Switching

The HDTV UpConverter is also an Audio/Video Switcher. Connect up to nine (9) video devices, plus connect your Cable TV to built-in tuner and UpConvert TV to HDTV. Use the remote or front panel controls to switch from one video source to the next.

Connect All Your Video Devices And Convert All Video Sources To HDTV Resolution

High Definition Component Video Output

The HDTV UpConverter turns all your video sources into Progressive Scan Component Video Output for the sharpest on screen images. Component video output at up to 1080i resolution.

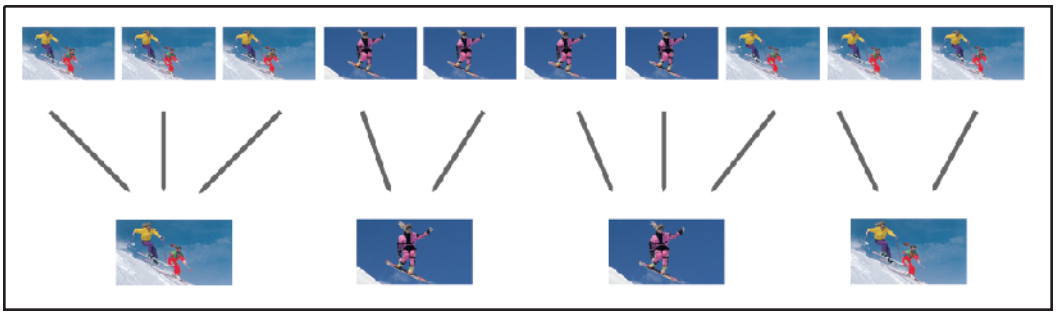
Cerritos, CA 90703
Phone: 562-926-1928
Fax: 562-926-0518
Email: productinfo@adstech.com

www.adstech.com

ADS Tech

Advanced Frame Rate Conversion

Video content that was originally shot on film such as Movies, Cartoons and many TV shows were converted to 30 frames per second video for TV viewing. The HDTV UpConverter utilizes 2:2/3:2 inverse pull-down to restore the movie back to progressive scan images.



2:2/3:2 Inverse Pull-Down
Restores Movie Quality
Progressive Scan Images

Image Enhancement

The HDTV UpConverter provides superior image enhancement with features found in profession level products such as:

Picture Enhancement

- 3D Noise Reduction
- Sharpening
- Adaptive 4 line comb filter
- 9 bit A to D conversion 2X over sampled
- 10 bit digital to analog Progressive or Interlaced output

Full Color Controls
- Contrast, Brightness, Hue and Saturation

Color Space Conversion
- Standard Definition to High Definition

Advanced Format Conversion

The HDTV UpConverter supports a variety of picture formats and aspect ratios to provide the optimum display resolution and format.

- Anamorphic
- Panoramic
- Letterbox
- Pan-Scan and Crop
- Pillar Box
- Expand

Picture in Picture Modes

The HDTV UpConverter supports various PiP and multi-PiP windows and re-synchronization of display timing with no temporal artifacts.

ADS Tech

www.adstech.com

Features:

- Converts 480i or 480p standard definition video signals to 480p, 720p or 1080i HDTV resolutions
- Precision quality audio/video switcher for up to nine external devices
- Integrated 125 channel cable ready tuner
- 2:2/3:2 film detection and inverse pull down of interlaced video converts video signals back to original film like frame rate.
- Film Mode Detection and filtering
- Film Mode LED Indicators
- Advanced PIP, POP or PIP blending with multiple display configurations.
- Format Conversion for Full Screen, 4:3 Letterbox, 16:9 Panoramic or 16:9 Pillar Box output displays
- Brightness, Contrast, Saturation, Hue, sharpness controls.
- Front Panel display, film mode indicator, tuning and menu buttons.
- On-screen display of Input Source and Resolution
- On screen advanced menu controls
- Infra-Red Remote Control

Specifications:

Front Panel:
- Power On/Standby
- Display showing input, display resolution, TV channel
- TV Tuning buttons
- Source and resolution select buttons

Inputs:
3 - RCA Video jacks
3 - S-VHS jacks
3 - Component video jacks (480i/480p),
1 - 125 channel cable ready tuner
9 - R+L RCA Audio jacks

Outputs:
1 - HDTV Component jack
1 - R + L RCA jack

Video Input:
Std. Definition 480 interlaced or progressive scan (480i/480p)

Video Output:
HDTV 480p, 720p or 1080i

Power:
Internal Switching Power Supply
Input: 110-240 VAC

Requirements:
HDTV Ready TV with HD Component Video Inputs (YPbPr)
Analog Video source w/RCA, S-VHS or Component Video output or analog TV signal